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Peter Steenkiste

February 1997 **ACM Transactions on Computer Systems (TOCS)**, Volume 15 Issue 1

Full text available:  [pdf\(993.12 KB\)](#)

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Distributed-memory systems have traditionally had great difficulty performing network I/O at rates proportional to their computational power. The problem is that the network interface has to support network I/O for a supercomputer, using computational and memory bandwidth resources similar to those of a workstation. As a result, the network interface becomes a bottleneck. In this article we present an I/O architecture that addresses these problems and supports high-speed network I/O on dist ...

Keywords: I/O architecture, application-managed I/O, data reshuffling, distributed memory systems, network interface, outboard buffering, protocol processing, resource management

2 [U-Net: a user-level network interface for parallel and distributed computing \(includes URL\)](#)

T. von Eicken, A. Basu, V. Buch, W. Vogels

December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM symposium on Operating systems principles**, Volume 29 Issue 5

Full text available:  [pdf\(1.84 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 [Trunking of TDM and narrowband services over IP Networks](#)

James Aweya

January 2003 **International Journal of Network Management**, Volume 13 Issue 1

Full text available:  [pdf\(418.58 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The recent interest in IP as the vehicle for transporting TDM and narrowband services stems from the possibility of using a common transport network for voice, video, and data, and the flexibility with which new services can be introduced. A key step in the evolution of networks towards a 'broadband' IP-based environment is the 'graceful' interworking of the IP networks with the existing networks and services, particularly with the circuit switched telephone network. A &I ...

4 [Evaluation of TCP Vegas: emulation and experiment](#)

Jong Suk Ahn, Peter B. Danzig, Zhen Liu, Limin Yan

October 1995 **ACM SIGCOMM Computer Communication Review , Proceedings of the**

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Communications Magazine, IEEE, Volume: 32, Issue: 3, March 1994

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Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS

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Wireless Communications and Networking, 2003. WCNC 2003. 2003

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Networking, IEEE/ACM Transactions on, Volume: 7, Issue: 2, April 1999

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Kavak, N.;

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Sammanee, T.; Kamolpiwong, S.; Chuawong, S.;
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11 Interaction between UMTS MAC scheduling and TCP flow control mechanisms

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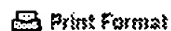
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